

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Davia (US 2002/0156815 A1).

#### Claim 1

With regard to claim 1, Davia teaches a method of establishing and carrying out communication between a data source and a user,

via a fixed network or a mobile network, comprising the steps of:

placing in a server a presentation program that handles a presentation to the user (Paragraph [0021] “The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications),

the server connected to a data source that contains data,

the server handling data to and from the data source,

the presentation program including a layout and a protocol of a user's terminal required for presentation of data to the user on the user's terminal in a right presentation form. (Paragraph [0046] “The present invention thus implements a method by

**which only necessary information is downloaded for screens sharing similar logic and/or layouts that are downloaded in the sequence”);**

the server i) receiving information from a user, ii) forming interaction data by the server clearing the received information from the layout and the protocol of the user's terminal, and iii) sending to the data source solely interaction data free of the layout and the protocol of the user's terminal,

and, the server receiving data from the data source and, using the layout and the protocol of the user's terminal, placing the receiver data from the data source into the protocol and the layout for the presentation to the user on user's terminal in the right presentation form

**(See Figure 3 #301-309, and Paragraph [0021] “The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications to permit independent manipulation of the layout, logic, and content of the web page. The invention finds applicability to any server-side scripting language utilized to develop the web page. Primarily, the invention comprises separating the logic, layout, and data of the content of the web page into individual, unique and independently selectable or manipulable components. Further, the invention reduces the download time of subsequent screens (or pages) sharing the same logic and/or layout, therefore reducing the download and processing time necessary to display the web pages”).**

### **Claim 2**

With regard to claim 2 Davia teaches a method according to claim 1, wherein the presentation handling program is independent of the application used by the user **(Paragraph [0021] “The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications).**

### **Claim 3**

With regard to claim 3 Davia teaches a method according to claim 1, wherein the server is adapted to handle several different applications for different users simultaneously **(Paragraph [0008] “The present invention recognizes that it would therefore be advantageous and desirable to have a system and method that allows the separate manipulation of the logic, layout, and data of the web content of a server side application to allow independent manipulation of web content for web pages”).**

### **Claim 4**

With regard to claim 4 Davia teaches a method according to claim 1, wherein the program in the server also includes a dialogue facility which is able to handle user inputs and to respond to the user without reverting back to the data source **(Paragraph [0019] “Data processing system 100 includes several external components coupled to respective ones of internal components. These include keyboard 142,**

**coupled to keyboard controller 134, mouse 144, coupled to mouse controller 136 and speakers 148 and 150, coupled to audio controller 140. Additionally, external components includes graphic display 146, coupled to video controller 138.**

**Graphic display 146 provides a user/developer of a web page to visually interact with web content as the content is being manipulated by one or more of the other external components, such as mouse 144 and keyboard 142”).**

#### **Claim 5**

With regard to claim 5 Davia teaches a method according to claim 4, wherein the dialogue facility is separate from the presentation and layout data in the program (**See Figure 3**).

#### **Claim 6**

With regard to claim 6 Davia teaches a method according to claim 1, wherein, the layout is a construction of a graphical user interface including a user screen layout (**Paragraph [0019] “Graphic display 146 provides a user/developer of a web page to visually interact with web content as the content is being manipulated by one or more of the other external components, such as mouse 144 and keyboard 142”),**

the presentation is a combination of the layout including elements on the user screen allowing the user to interact with the current application, and formatted data, the formatted data is encoded data, and the application is a set of services forming end

user functionality in the user terminal (See Figure 3 #301-309, and Paragraph [0021] “The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications to permit independent manipulation of the layout, logic, and content of the web page. The invention finds applicability to any server-side scripting language utilized to develop the web page. Primarily, the invention comprises separating the logic, layout, and data of the content of the web page into individual, unique and independently selectable or manipulable components. Further, the invention reduces the download time of subsequent screens (or pages) sharing the same logic and/or layout, therefore reducing the download and processing time necessary to display the web pages”).

#### **Claim 7**

With regard to claim 7 Davia teaches a method according to claim 6, wherein, the application is a WEB-page of a web-browser (See Figure 3 #301-309, and Paragraph [0021] “The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications to permit independent manipulation of the layout, logic, and content of the web page).

**Claim 8**

With regard to claim 8 Davia teaches a method of establishing and carrying out communication between a data source and a user, via a fixed or a mobile network, comprising the steps of:

placing in a server a presentation program that handles presentation of information to the user **(Paragraph [0021] “The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications)** and includes a correct layout and a correct protocol of a user's terminal required for the presentation of data to the user on the user's terminal in a right presentation form, the server being connected to a data source that contains data and handling the data to and from the data source **(Paragraph [0046] “The present invention thus implements a method by which only necessary information is downloaded for screens sharing similar logic and/or layouts that are downloaded in the sequence”)**

the server i) receiving information from the user, ii) forming interaction data by clearing the received information from the user using, from the presentation program, the correct layout and the correct protocol for presentation to the user on the user's terminal, and iii) after said clearing, sending to the data source the interaction data free of the protocol for presentation and layout; and

the server i) receiving data from the data source, and ii) using, from the presentation program, the correct layout and the correct protocol for presentation to the

user on the user's terminal, placing the received data from the data source in the correct protocol and the correct layout for presentation to the user on the user's terminal for correct presentation on the user's terminal **(See Figure 3 #301-309, and Paragraph [0021] "The present invention enhances the development, maintenance, and/or enhancement of web pages via non-proprietary sever-side scripting applications to permit independent manipulation of the layout, logic, and content of the web page. The invention finds applicability to any server-side scripting language utilized to develop the web page. Primarily, the invention comprises separating the logic, layout, and data of the content of the web page into individual, unique and independently selectable or manipulable components. Further, the invention reduces the download time of subsequent screens (or pages) sharing the same logic and/or layout, therefore reducing the download and processing time necessary to display the web pages")**).

#### **Claim 9**

With regard to claim 9 Davia teaches the method of claim 8, wherein, the data source sends only data to be received by the server so that the server manages the received data from the data source, using the presentation program, to place the received data in the correct layout for the correct presentation to the user on the user's terminal **(See Figure 3)**.

**Claim 10**

With regard to claim 10 Davia teaches the method of claim 9, wherein, the correct presentation is any one of the group consisting of a voice message, an SMS-message, and an HTML- message (**Paragraph [0005] Server-side scripting languages are implemented in one of two ways: (1) a proprietary scripting language is embedded within the web page, for example, Active Server Pages (ASP), or Java Server Pages (JSP), both of which are scripted within a Hypertext Markup Language (HTML) file; and (2) the web page (e.g., the HTML file) is embedded within a proprietary server-side scripting language, such as, for example, IBM Net Data created by International Business Machines, Corporation**").

***Response to Arguments***

3. Applicant's arguments filed 12/27/2007, with respect to the rejection(s) of claim(s) 1-5 under 102(b) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Davia (US 2002/0156815 A1).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FARHAD ALI whose telephone number is (571)270-



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1920. The examiner can normally be reached on Monday thru Friday, 7:30am to 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey C. Pwu can be reached on (571) 272-6798. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Farhad Ali/  
Examiner, Art Unit 2146

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